CLAIMS PRESENTED

1-21. Cancelled

- 22. (Newly Presented) An apparatus comprising: a device chip including circuit elements fabricated on a substrate; a cap covering at least a portion of said device chip; and gasket with treaded surface sealing said cap to said device chip.
- 23. (Newly Presented) The apparatus recited in claim 22 wherein said treaded surface includes tread cavities.
- 24. (Newly Presented) The apparatus recited in claim 22 wherein said device chip includes adhesive on which said gasket is attached.
- 25. (Newly Presented) The apparatus recited in claim 22 wherein said cap is cold-weld bonded onto said device chip.
- 26. (Newly Presented) The apparatus recited in claim 25 wherein gold is used as cold-welded metal.
- 27. (Newly Presented) The apparatus recited in claim 22 wherein said cap hermetically seals said circuit elements.
- 28. (Newly Presented) The apparatus recited in claim 22 wherein said gasket having a width in a range of four to 30 microns.
- 29. (Newly Presented) The apparatus recited in claim 22 wherein said gasket having a thickness in a range of five to 50 microns.
- 30. (Newly Presented) The apparatus recited in claim 22 wherein said tread having a width in a range of one to five microns.

- 31. (Newly Presented) The apparatus recited in claim 22 wherein said tread defines tread cavities, each tread cavity having a width ranging from one to five microns.
- 32. (Newly Presented) The apparatus recited in claim 22 wherein said tread defines tread cavities, each tread cavity having a depth in a range of one to three microns.
- 33. (Newly Presented) The apparatus recited in claim 22 wherein said tread defines tread cavities, each tread cavity having a length in a range of 10 to 50 microns.
- 34. (Newly Presented) The apparatus recited in claim 22 wherein said gasket is made from same material as said cap.
 - 35. (Newly Presented) An apparatus comprising:
 - a device chip including a circuit elements;
- a cap and a gasket, said cap covering at least a portion of said device chip; and said device chip and said gasket having a treaded surface adapted to seal said cap to said device chip.
- 36. (Newly Presented) The apparatus recited in claim 35 wherein said treaded surface includes tread cavities.
- 37. (Newly Presented) The apparatus recited in claim 35 further comprising gasket as a seal between said device chip and said gasket.

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Respectfully submitted,

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